

U.S. Marine Corps Logistics Modernization

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Agenda

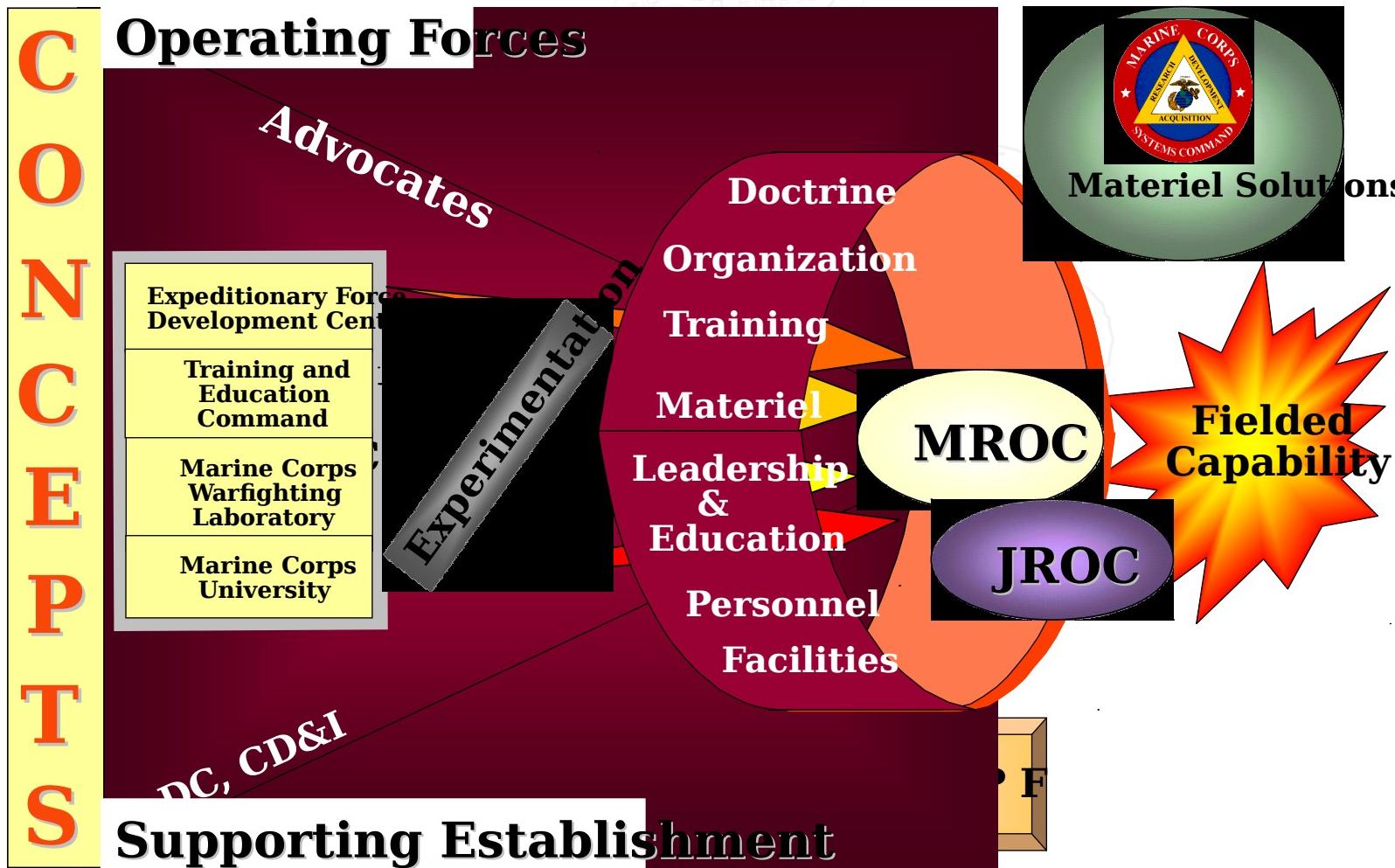
- ❖ Logistics Modernization Overview
- ❖ Logistics Modernization Initiatives
 - ❖ Logistics Operational Architecture
 - ❖ MLG Reorganization
 - ❖ Logistics Command & Control
 - ❖ Realignment of Maintenance
 - ❖ Realignment of Supply
 - ❖ MAGTF Distribution

Logistics Modernization... Overview

- **Logistics Modernization (Log Mod) - the largest coordinated and cross-organizational transformation effort ever undertaken to transform USMC logistics**
 - A three pronged improvement and implementation initiative that focuses on Marine Corps people, process, and technology dimensions

“We cannot improve the combat effectiveness of the MAGTF without logistics modernization.” - CMC

Log Mod and the EFDS



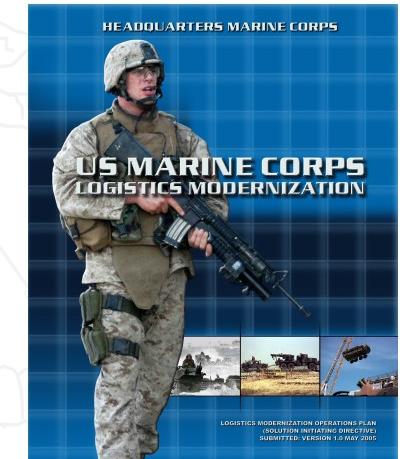
Expeditionary Force Development System TTF

- Phase I: Force Capability Development
 - DC I&L established the Transition Task Force (TTF) (Jul 05)
 - TTF develop UNS for each Log Mod initiative (Feb 05)
- Phase II: Requirements Development
 - UNS submitted to MCCDC/EFDC (Feb 05)
 - Log Mod and Log Mod Initiatives briefed to DWG (Mar 05)
 - LMDAG established to assess DOTMLPF impact (Apr 05)
 - LMDAG generated taskings that form Log Mod COA and POA&M
 - Results captured in Solution Initiating Directive (SID) (Jul 05)
 - SID forms basis for Solution Planning Directive (SPD) (Jan 06)
- Phase III: Prioritization and Resourcing
 - Prioritize rqmnts for Log Mod & facilitate fielding of GCSS-MC BLK 1
- Phase IV: Capability Fielding and Transition
 - Execute and manage Log Mod taskings established by SPD (Jan 06-2010)

Logistics Modernization...

Initiatives

- DOTMLPF Change to our People ...
 - **Marine Logistics Group Reorganization**
 - Personnel/Military Occupational Specialty Construct
 - Investment in Logistics Training
- DOTMLPF Change to our Process ...
 - **Logistics Operational Architecture**
 - **Realignment of Supply**
 - **Realignment of Maintenance**
 - **MAGTF Distribution**
- DOTMLPF Change to our Technology ...
 - **Modernized and integrated Information technology**
 - **GCSS-MC** (Log Chain Mgmt/LCM)
 - Log/MAGTF C2
 - **Deployed/Bridge Solutions**
 - UID/RFID - BCS3 - W2W - TCPT - CLC2S
 - **MAGTF C2/Logistics C2 ... Common Operating Picture and Integration**



Six Major Log OA Functions



Request Management: Function of generating and approving supported unit demands.



Order Management: Function of routing, coordinating, tasking, and tracking customer orders through to fulfillment.



Capacity Management: Function of managing, optimizing, prioritizing, and planning resources and capacity to fulfill supported unit demands. Aligns “capability” with demands.



Production Management: Function of coordinating, planning, tasking, and controlling how customer demands are fulfilled. Assigns specific resources to CSS tasks.

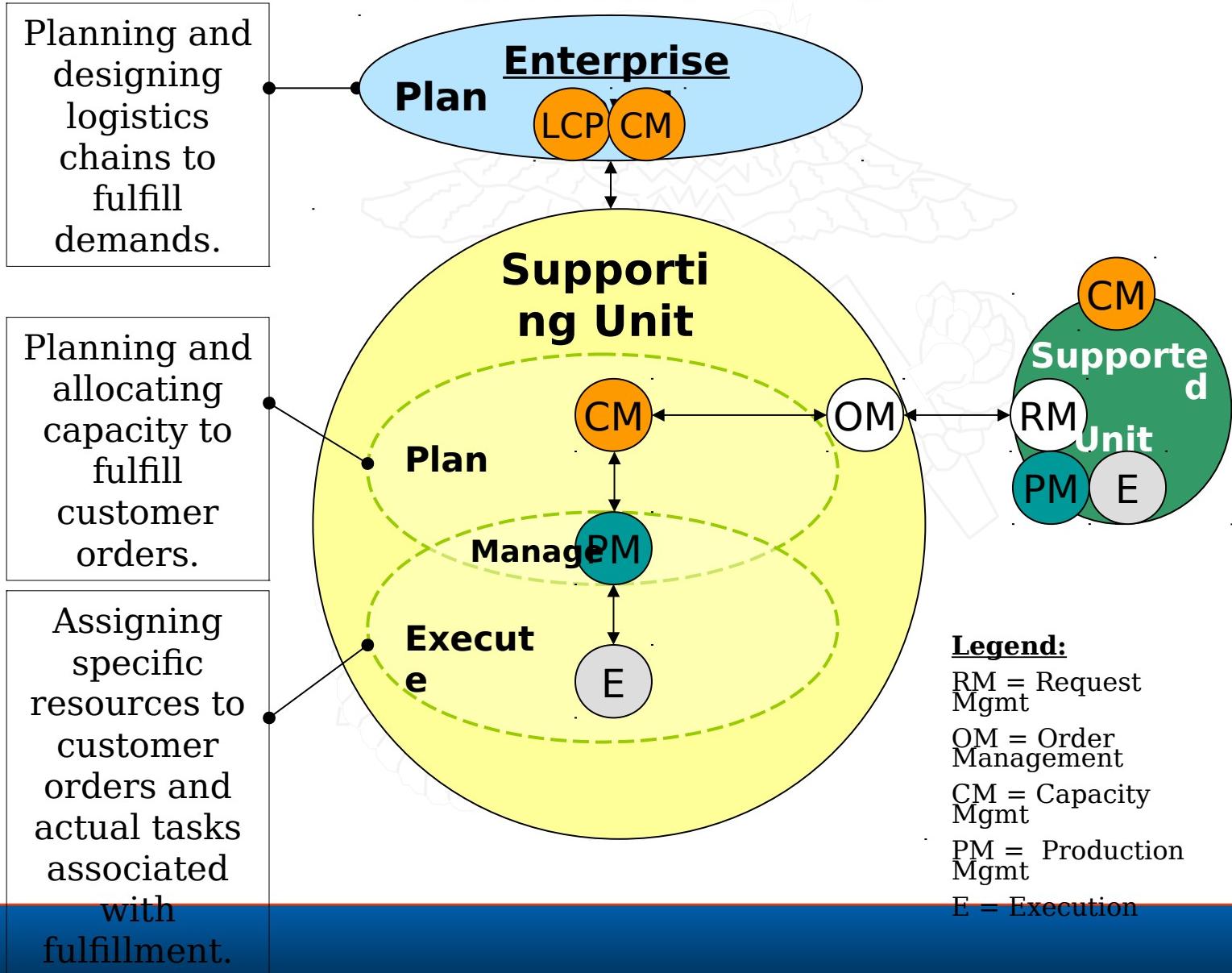


Execution: Function of executing CSS tasks to fulfill customer demands.

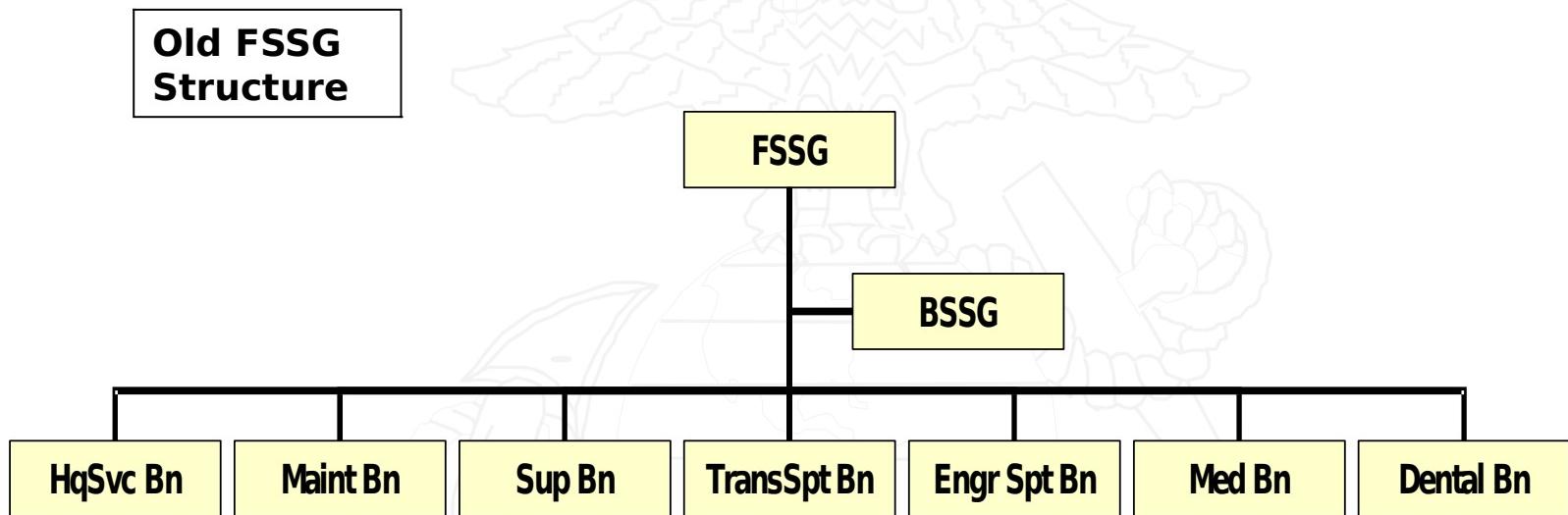


Logistics Chain Planning: The function of planning and managing the logistics chain and aligning enterprise capacity.

Logistics Operational Architecture



LCE Realignment *FSSG to MLG*

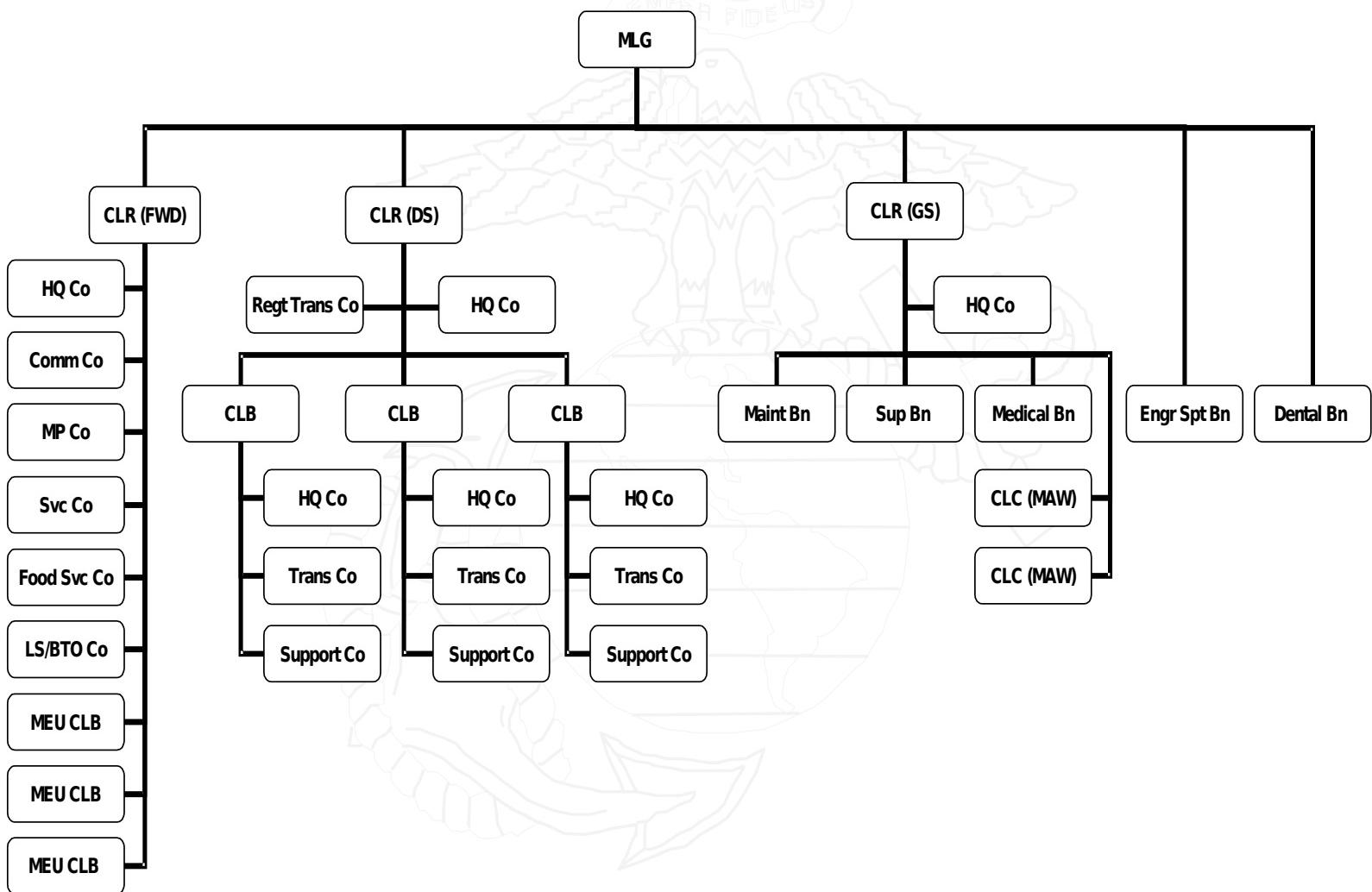


MLG Mission & Capabilities

The Marine Logistics Group (MLG) will train, rapidly task organize, deploy, employ, fight and redeploy in order to provide GS and DS logistics combat support to all elements of the Marine Expeditionary Force (MEF) and smaller Marine Air Ground Task Forces, that may be geographically separated, in peacetime as well as wartime, in any environment and across the spectrum of conflict in order to preserve and increase the MEF's combat power.

- **MLG Basic Capabilities:**
 - Provide comprehensive capabilities of current FSSG
 - Provide logistics support capability to the MEF
 - Provide standing multi-functional DS and standing GS functional CSS units to the MEF
 - Capable of rapid and seamless task organizing & deployment

LCE Realignment FSSG to MLG



Logistics Command & Control

Logistics Decision Support Requirements

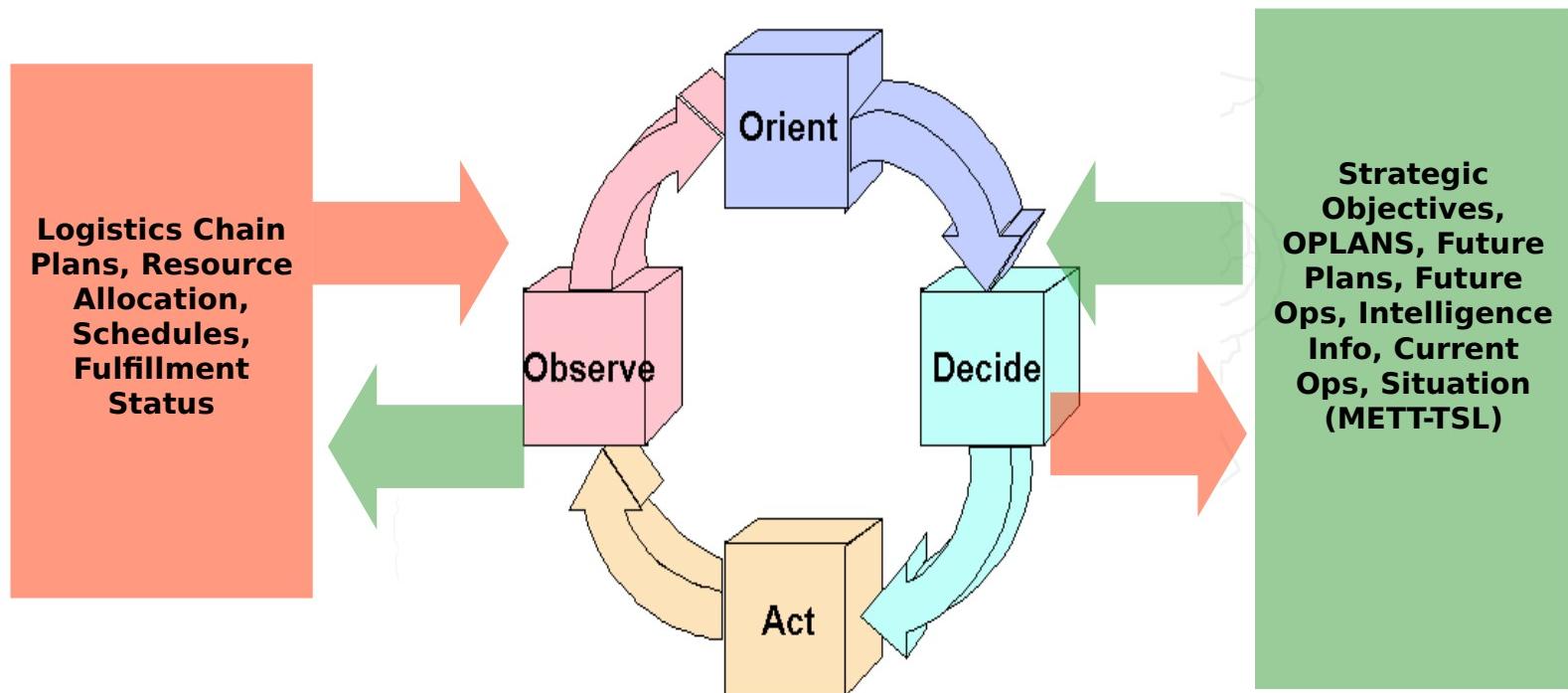
Logistics Communications Infrastructure

- Personnel
- Equipment

C2 DECISION LOOP

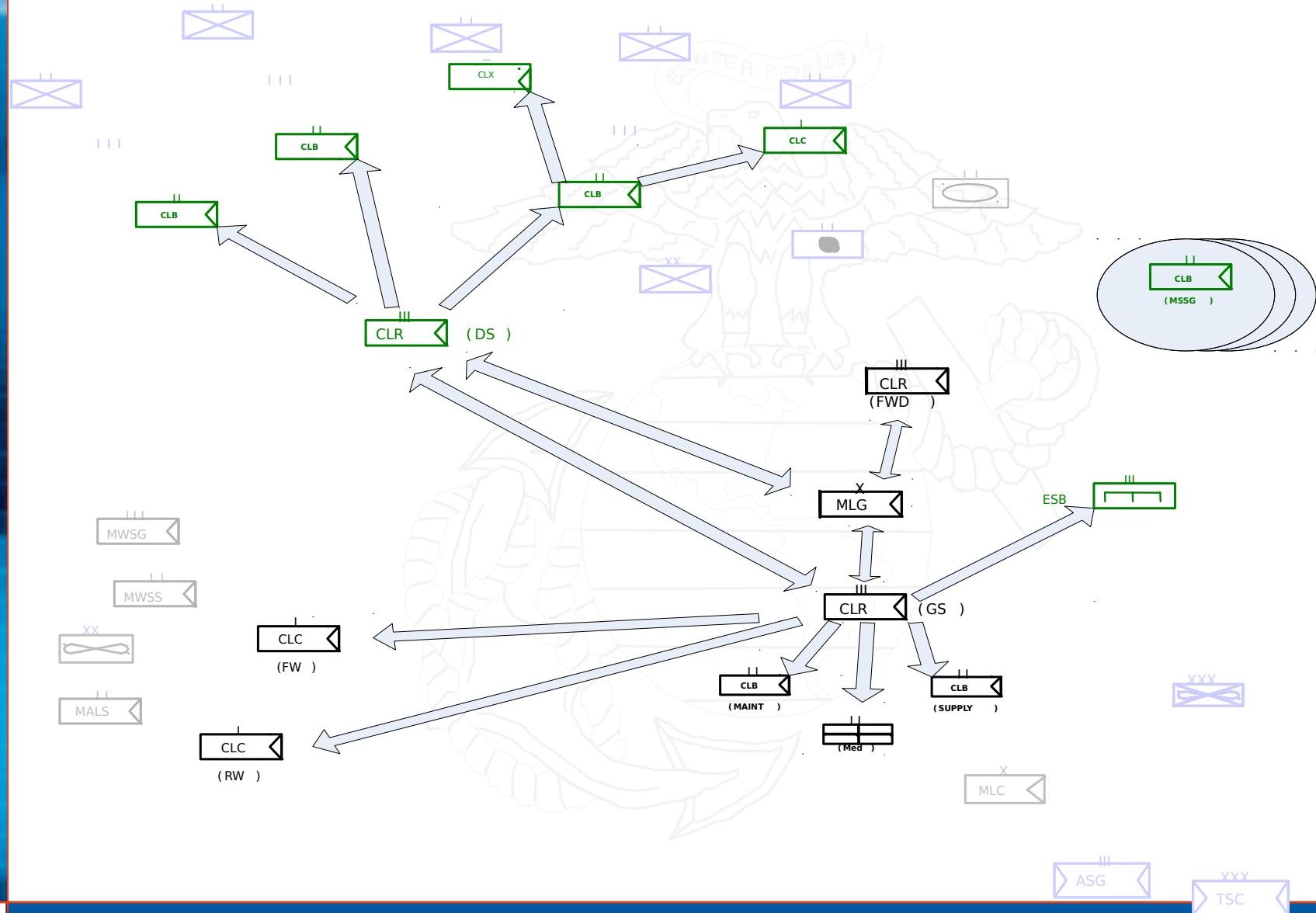
(Situational and Sustainment Framework)

Logistics
Modernization



MLG Nodal Laydown

**Logistics
Modernization**

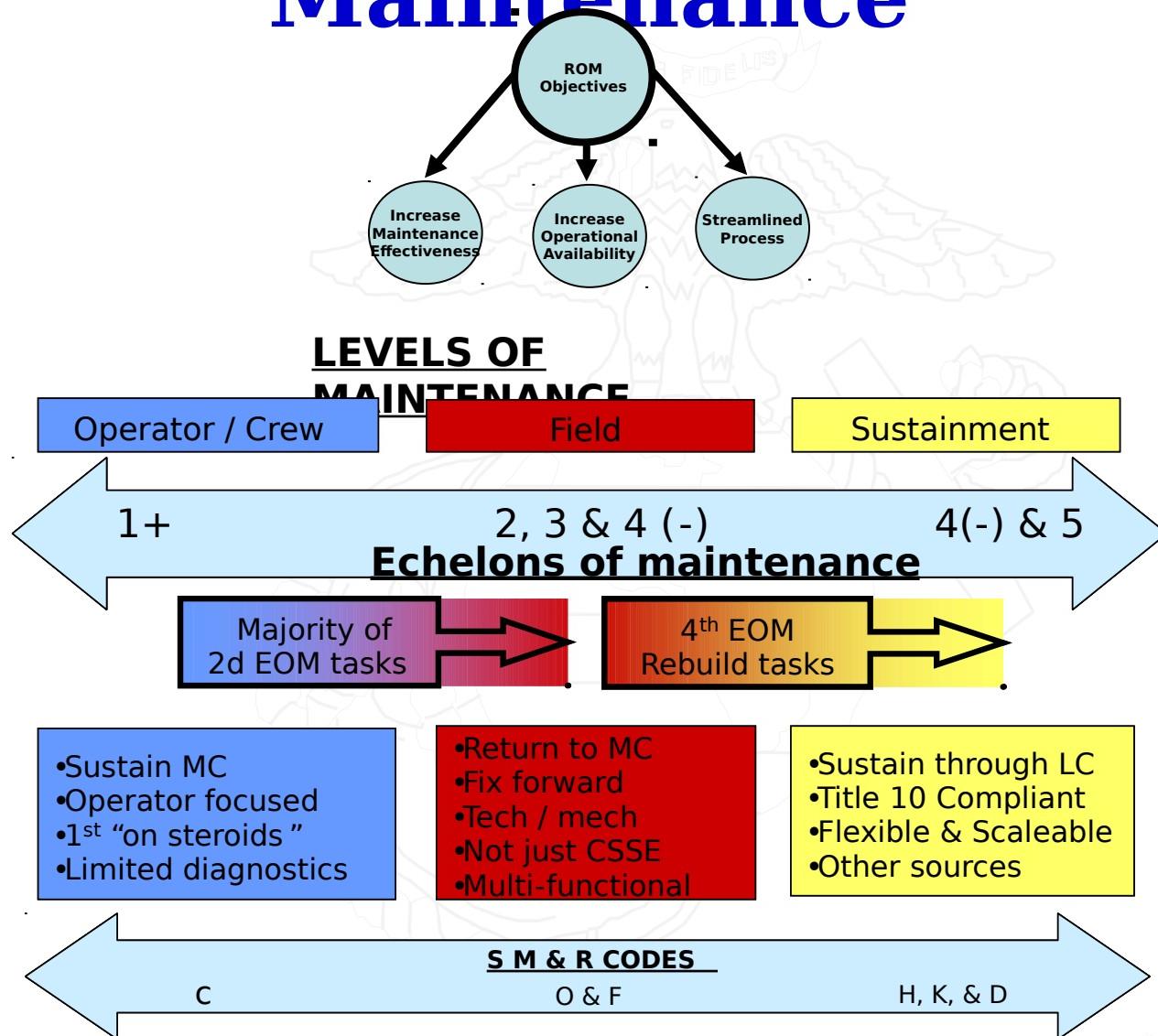


Material Readiness Process Improvement

Material Readiness Process Improvement

- **Realignment of Maintenance (ROM)**
- **Realignment of Supply (ROS)**
- **MAGTF Distribution**

Realignment of Maintenance



Realignment of Maintenance

OPERATOR / CREW LOM



- Minimal Tools
- No Special Equipment
- On-Hand Inventory
- No Special Skills Training To Diagnose or Perform
- Able to Perform On Battlefield

FIELD LOM

3 Levels of Maintenance



- Minimal Tools and Special Equipment
- Inventory Available W/I Time
- May Require Special Skills Training to Diagnose and Perform
- Must be Able to Perform On Battlefield

SUSTAINMENT LOM



- Special Tools, Equipment, Skills Training Most Likely Required
- Inventory Available W/I Time
- May Need To be Performed In Theater

Realignment of Maintenance

Update / Way Ahead

MCO 4790.1C - Maintenance Policy

- MCO 5215.1J - “the what”
- Marine Corps Maintenance Policy (MCMP)
- USMC Ground Maintenance Policy to support MAGTF Ops
- Crosses all phases of TLCM
- Draft in staffing via MCATS

NAVMC (supports MCO 4790.1C)

- MCO 5215.1J - “the how”
- Ground Maintenance Management Execution

Policy -> Doctrine -> Continual DOTMLPF Assessment

Requirements / Acquisitions / Legacy

Realignment of Maintenance

Update / Way Ahead

SM&R Code Change

- Acquisitions
- DoD Joint Policy
- Identifies authorized Levels Of Maintenance

4th EOM Migration

- Directs maintenance tasks to Field or Sustainment LOM
- Initial development of PBA
 - Between LOGCOM and MARFORs
- Initial phase for SECREP Management

Centralized SECREP Management Policy

- LOGCOM Lead Developer
- Finalize PBA
- Policy - MCO / NAVMC

Realignment of Maintenance

Update / Way Ahead
Continuing OPFOR Supporting Efforts

Field Maintenance Capability Alignment (FMCA) : Confirm / Concur

- **Realigning Maintenance Capability To More Effectively Support MAGTF Ops**
 - **Phase I - Unique Ord TAMS - NLT 31 May**
 - **Phase II - Low Density MOS & Equipment - NLT 31 Aug**
 - **Phase III - Remaining Equipment - NLT 30 Nov**

Task To TAMCN (T2T): Confirm / Concur

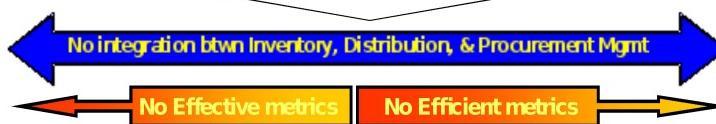
- **Field Level Maintenance Task That May Migrate To Operator/Crew Level**
 - **Part 1 - No Add Tools/TRNG - NLT 31 May**
 - **Part 2 - Minimum Tools/TRNG - TBD**

Realignment of Supply

Realignment of Supply

Current Three Levels of Supply

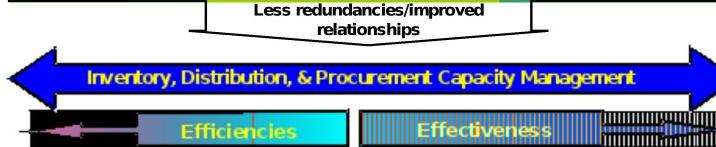
Wholesale/Vendors	Intermediate	Organizational
<ul style="list-style-type: none"> No outsourcing-VMI No Strategic Alliances Inefficient/nonexistent B2B EC No enterprise-wide economies of scale Ineffective ITV/TAV No enterprise planning 	<ul style="list-style-type: none"> Redundant inventories Multiple procurement activities Disjointed distribution process-multiple stakeholders No capacity planning Ineffective/inefficient ITV/TAV 	<ul style="list-style-type: none"> Requisitioning Receiving Receiving Inventory mgmt Financial mgmt Warehousing



Realignment of Supply

LogMod Levels of Supply

Sustainment (Wholesale/Retail)	Field (Organizational)	
Supporting Unit(s)	Supported Unit	
<ul style="list-style-type: none"> Outsourcing-VMI Strategic Alliances-LOGCOM B2B EC w/vendors Mgmt of 3PL's Enterprise-wide economies of scale Enterprise planning DVD's ITV/TAV 	<ul style="list-style-type: none"> CSSE/SE Migration-redundancies Capacity planning for PCM, MCN, ICM & DCM CBPF HAGTF-wide economies of scale Financial mgmt MDC-MM & DM MRP-DRP interface 	<ul style="list-style-type: none"> GCSS-MC enabled: - Request Management - Inventory Management - Financial Management - Warehousing



Realignment of Supply

- The design of the RoS initiative is to be accomplished in two phases:
- Phase I - focus on supported unit functions to realign capabilities across the Organizational level (O-level) and Intermediate level (I-level) of the MAGTF.
- Phase II - focus on establishing inventory segmentation strategies at the Retail and Wholesale levels of the logistics chain -- includes realigning I-level supply functions to eliminate redundancies and outsource certain activities to third party logistics providers (3PL) to include the Supporting Establishment (SE), DLA, and integration with Naval Logistics.

Automate / Migrate /
Eliminate

OCCFLD 3000 TASK ANALYSIS		RANK	LEVEL OF SUPPLY	LEGACY SYSTEM FUNCTION	PROCESS	POLICY	OTHER	GCSS-MC7							
IT'S NO.	FUNCTION/TASK														
MISCELLANEOUS & ADMINISTRATIVE FUNCTIONS															
3002.08.06 ANALYZE BALANCE ANALYSIS REPORT															
3010.05.02	ANALYZE BALANCE ANALYSIS REPORT (BAR)	2NDLT	1												
3002.08.13	ANALYZE THE UNIT PERFORMANCE REPORT (UPR)	WO	1												
3002.08.13	CONDUCT SUPPLY SUPPORT OPERATIONS FOR A COMBAT SERVICE SUPPORT ELEMENT	2NDLT	3												
3010.01.08	EVALUATE EFFICIENCY OF SUPPLY OPERATION	WO	1												
3043.02.02	EXECUTE AUTOMATED INFORMATION FUNCTIONS	SSGT	1												
3010.01.09	INFORM COMMANDING OFFICER OF STATUS OF SUPPLY OPERATION	WO	1												
3002.08.07	INFORM COMMANDING OFFICER OF STATUS OF SUPPLY OPERATION	2NDLT	1												
3010.05.03	Maintain automated supply system/mainframe files	WO	1												
3002.08.10	Maintain automated supply system/mainframe files	2NDLT	1												
3010.05.05	Maintain automated supply system/mainframe files	WO	1												
3043.01.05	Maintain certificate of relief	SSGT	1												
3002.08.01	Maintain commanding officer certificate of relief	2NDLT	1												
3043.01.08	Maintain current authorization file of personnel authorized to receive payment	CPL	1												
3002.08.03	Maintain letters of appointment and revocation	2NDLT	1												

Realignment of Supply

Update / Way Ahead

Phase I - Organizational to Intermediate - Apr / May

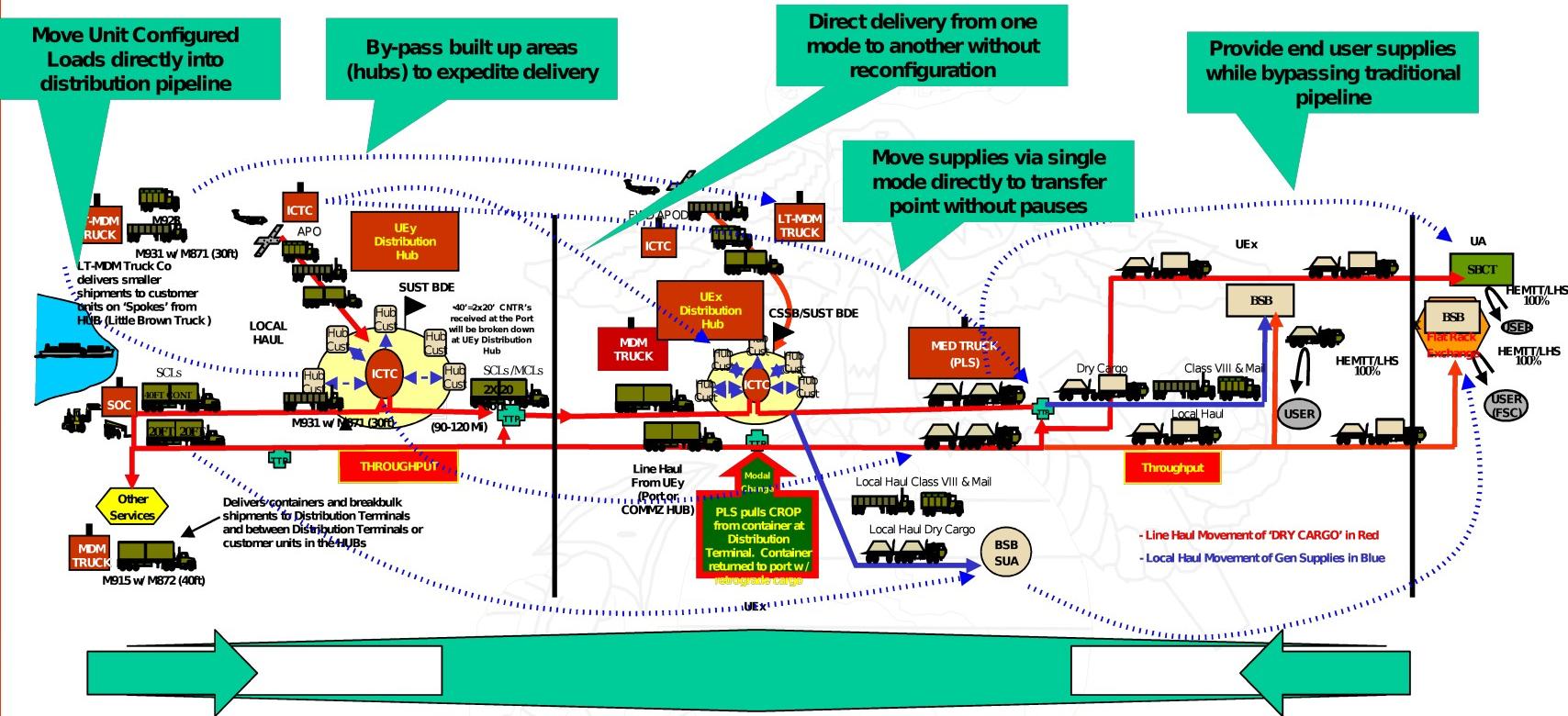
- RoS Process Action Team
 - Assess supported unit supply functions/activities
 - All phases of deployment
 - All classes / types of supply
 - Confirm / Concur ROS PAT Results
 - Establish Supply Policy
 - Continual DOTMLPF Assessment

Phase II - Intermediate to other sources - TBD

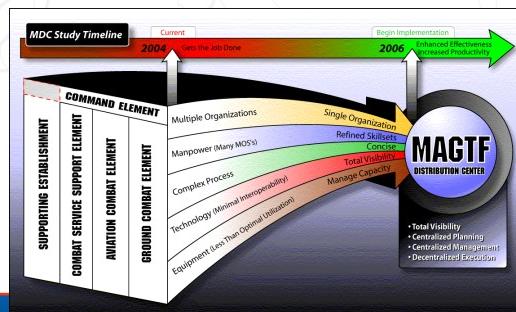
- Leverage current inventory management strategies
 - National Inventory Management Strategy (NIMS)
 - Ground Equipment Storage Program (GESP)
 - Strategic Logistics Asset Management (SLAM)
 - Consolidated Issue Facilities (CIFs)
 - Third Party Logistics Providers (3PL)

MAGTF Distribution

**Logistics
Modernizatio**



(Class: L I, II, III (P), IV, VI, VII, VIII, IX, MAIL, AND PACKAGED WATER)



MAGTF Distribution

Update / Way Ahead

Distribution: Capacity - Control - Certainty

- MAGTF Distribution Center / Material Distribution Company
- MAGTF Distribution Integrator
- In Transit Visibility / Total Asset Visibility

MAGTF Distribution Center Study – Complete

MAGTF Distribution WIPT – May/June 2006

Logistics Modernization Execution Plan FY 2005 - FY 2008

Logistics Modernization

FY 2005	FY 2006 Execution	FY 2007 Execution	FY 2008 Execution	
Logistics Modernization Initiatives				
<ul style="list-style-type: none"> DC I&L Publishes Solution Initiating Directive Realignment of Maintenance Realignment of Supply LCE Realignment 	<ul style="list-style-type: none"> ROS/ROM Baseline Implementation Completed Distribution Study Results LOG C2 Summit LOG C2 IPT DOTMLPF Cost Analysis 	<ul style="list-style-type: none"> 5 to 3 Part (I &II) Completed ROM Completed ROS Phase I MAGTF Distribution IOC MAGTF C2 Requirements Completed LOG C2 SED Wk shop Log Commander's Information Requirements Wk Shop #1 LOG OA & C2 OA DC CD Publishes Solution Planning Directive 	<ul style="list-style-type: none"> 5 to 3 Part (IID) Capability Migration Plan ROM Completed ROS Phase II MAGTF C2 Requirements Fielded IOC LOG C2 SED Wk shop ROS Completed LCE Realignment Completed MAGTF Distribution FOC (Tied to Block II (TBD)) MAGTF C Requirements Fielded FOC 	
DOTMLPF Actions				
<ul style="list-style-type: none"> -MAGTF Logistics Integration -Airspeed (CPI) -Naval Logistics Integration -ROM (OAD-Study) -MDC Study (Mar/Apr 06) -MLG Standardization Study -Band Width Study Feb/Mar 06) -Intel Study -Med Log ReOrg 	<ul style="list-style-type: none"> Concept/Concept of OP Policy Review/Changes Doctrine Review/Change Organization Personnel Material Trainin 	<ul style="list-style-type: none"> Doctrine Completed Organization & Personnel Finalized Material & Training Finalized 	<ul style="list-style-type: none"> Organization & Personnel Completed Material & Training Completed 	
LOG MOD Input/Confirmation Events				
"Past Events"	<ul style="list-style-type: none"> LCE Baseline (IOC) *MCBul 5400 ROS Phase I DIST WS #1 LOG C2 WS#1 LOG C2 WS#2 ROM WIPT #7 	<ul style="list-style-type: none"> Aug Troop List (CP) DIST WS #2 LOG C2 WS#3 ROM WIPT #8 	<ul style="list-style-type: none"> LCE Phase I MCBul 5400 Summer 07 Rotation (FOC Baseline) ROS Phase II DIST WS #3 Aug Troop List (CP) 	<ul style="list-style-type: none"> LCE Phase II MCBul 5400 Summer 08 Rotation (FOC)

Questions???

